

NATURAL RESOURCES COMMISSION

CARL T. JOHNSON
E. M. LAITALA
DEAN PRIDGEON
HILARY F. SNELL
HARRY H. WHITELEY
JOAN L. WOLFE
CHARLES G. YOUNGLOVE

STATE OF MICHIGAN



WILLIAM G. MILLIKEN, Governor

DEPARTMENT OF NATURAL RESOURCES

STEVENS T. MASON BUILDING, LANSING, MICHIGAN 48926
HOWARD A. TANNER, Director

January 12, 1977

175601
12
SITE NAME HI-Mill Manu
SITE ID MID005341714

TO: Roy Schrameck, District Engineer
FROM: Howard Wandell, Aquatic Biologist
SUBJECT: Water Quality of Waterbury Lake, Oakland County

Waterbury Lake is located within the State's Highland Recreation Area. Recreational uses of the lake are, however, limited due to the physical properties of the lake. Its maximum depth is approximately 5 feet. Shallowness of the lake permits emergent and submergent macrophytes to cover most of the bottom area. The lake's shoreline and bottom sediments are highly organic. Currently, according to Park Division personnel, recreational activities are limited to primarily waterfowl hunting and trapping of fur bearing mammals.

At this time no water quality information is available for the lake. We would however, note that based upon toxicity data and data gathered for other inland lakes in the area that the pH value recorded for the industrial discharge and the high copper concentration may adversely affect biological communities in the lake. Treatment should be recommended to make these parameters more compatible with naturally occurring values.

SS

JAN 14 1977

LETTER OF TRANSMITTAL
TO: MICHIGAN DEPT. OF NATURAL RESOURCES
FROM: MICHIGAN DEPT. OF NATURAL RESOURCES

